

# Three Good Ideas



Naval Interoperability Workshop

May 30-31, 2001

Crystal City Hilton  
Alexandria, VA

Edmund B. Woollen

Raytheon

31 May

# Capability = Doctrine + Process + Connectivity

## Manage

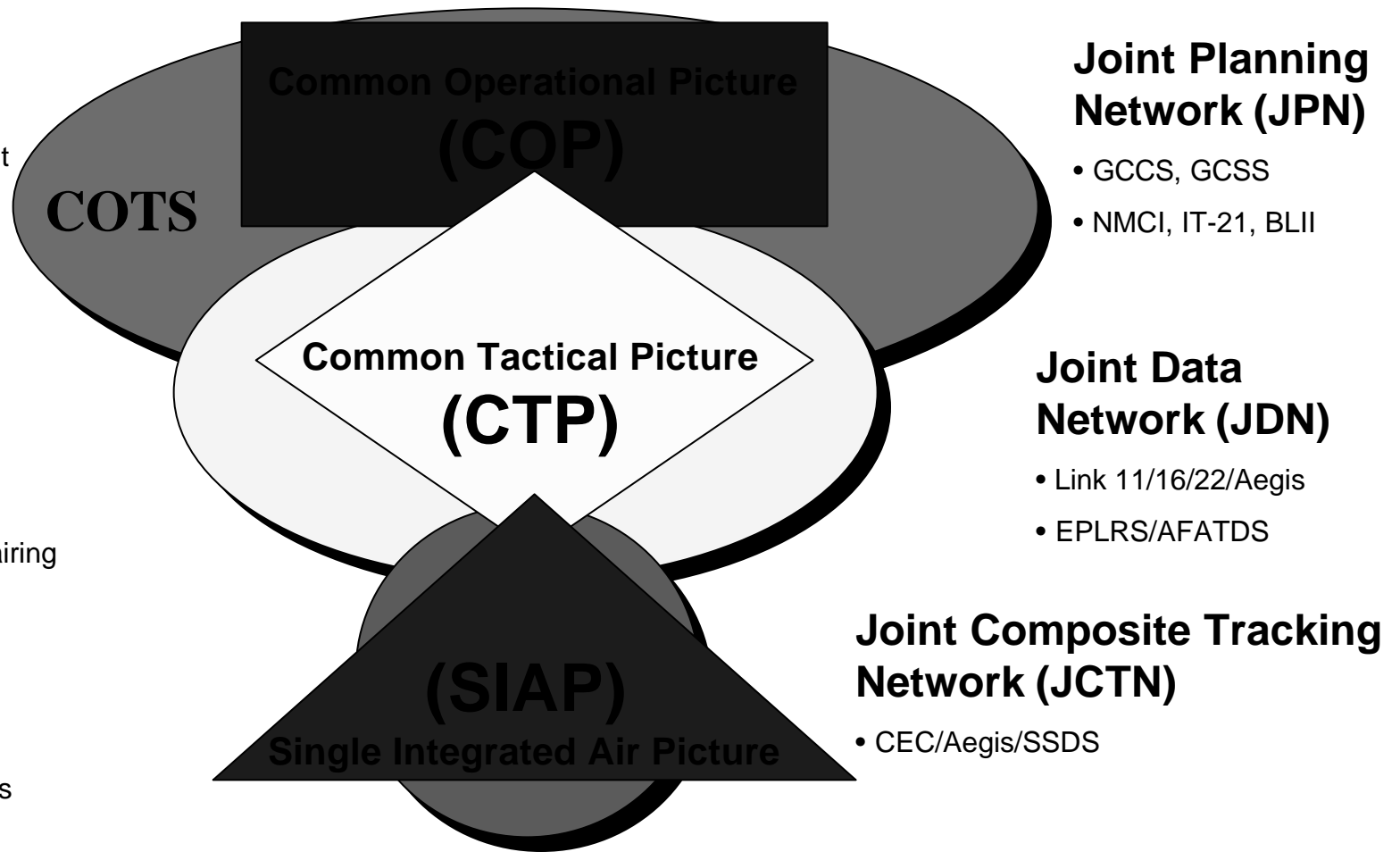
- Planning
- Force Management
- Deployment
- Movement
- Logistic Support

## Control

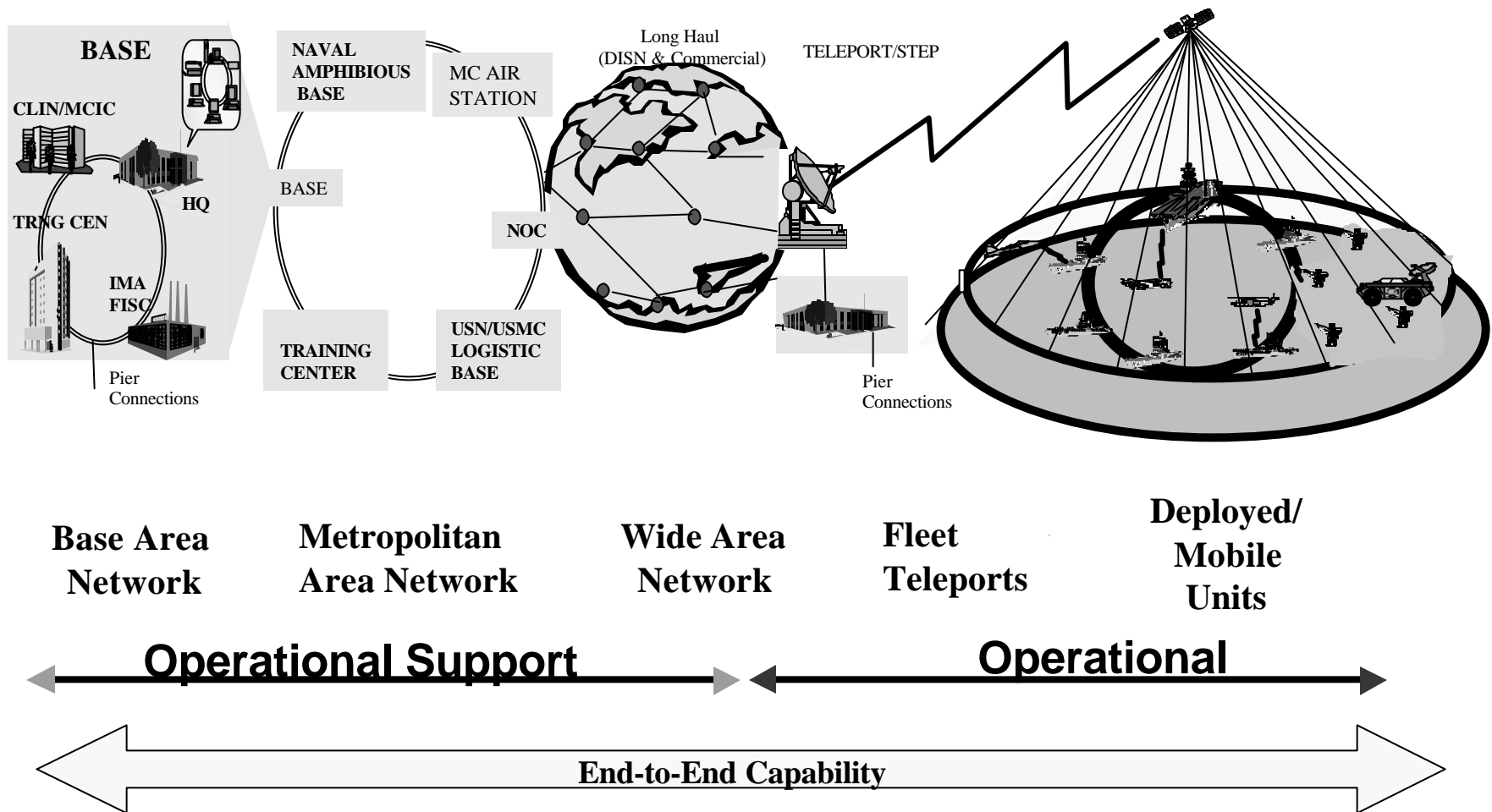
- Maneuver
- Asset Control
- Target/Weapon Pairing
- Fire Support

## Engage

- Single picture
- Deconflicted tracks
- Remote engage

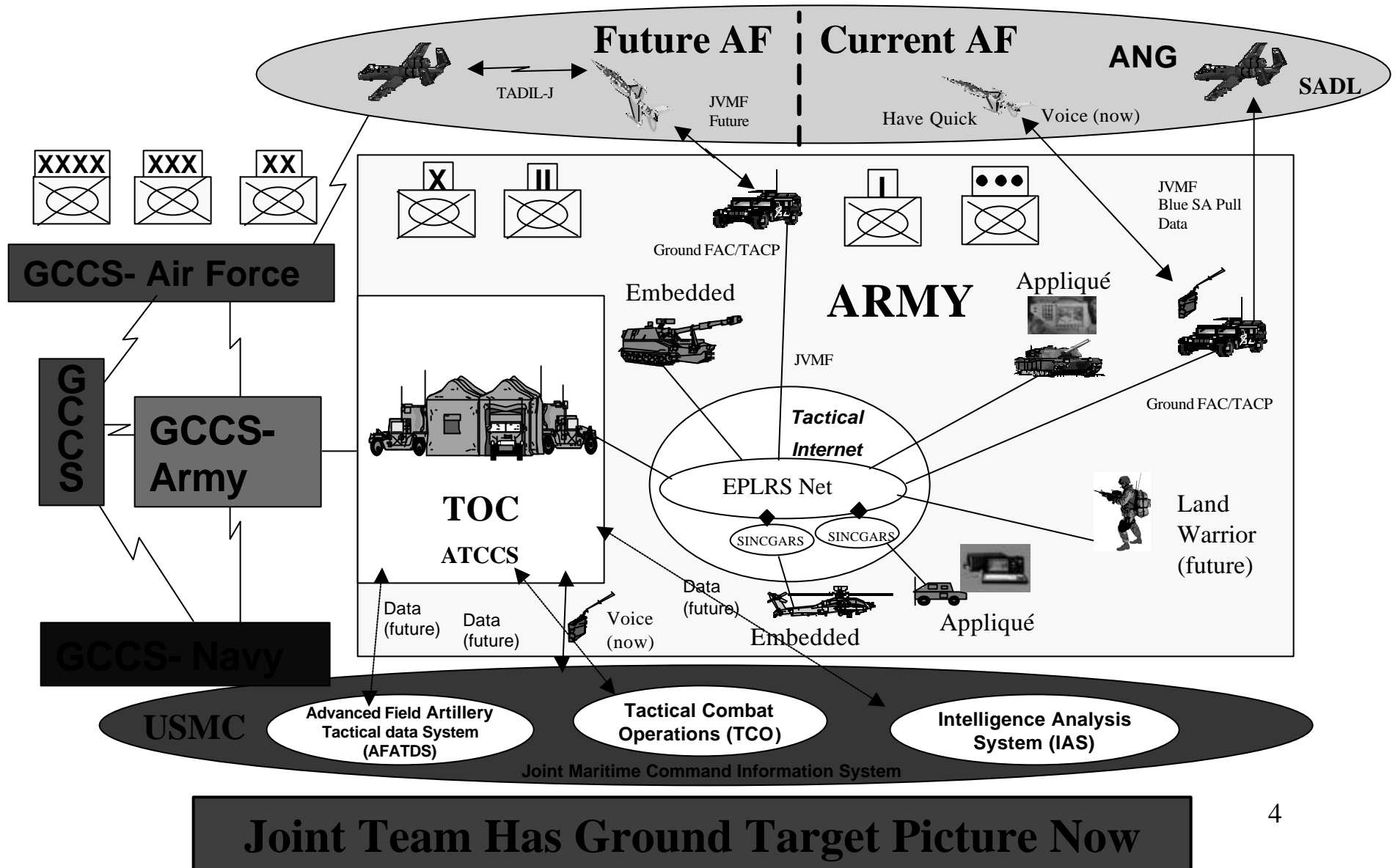


# Planning, Management and Support: NMCI/IT-21/BLII Enables New Doctrine and Process

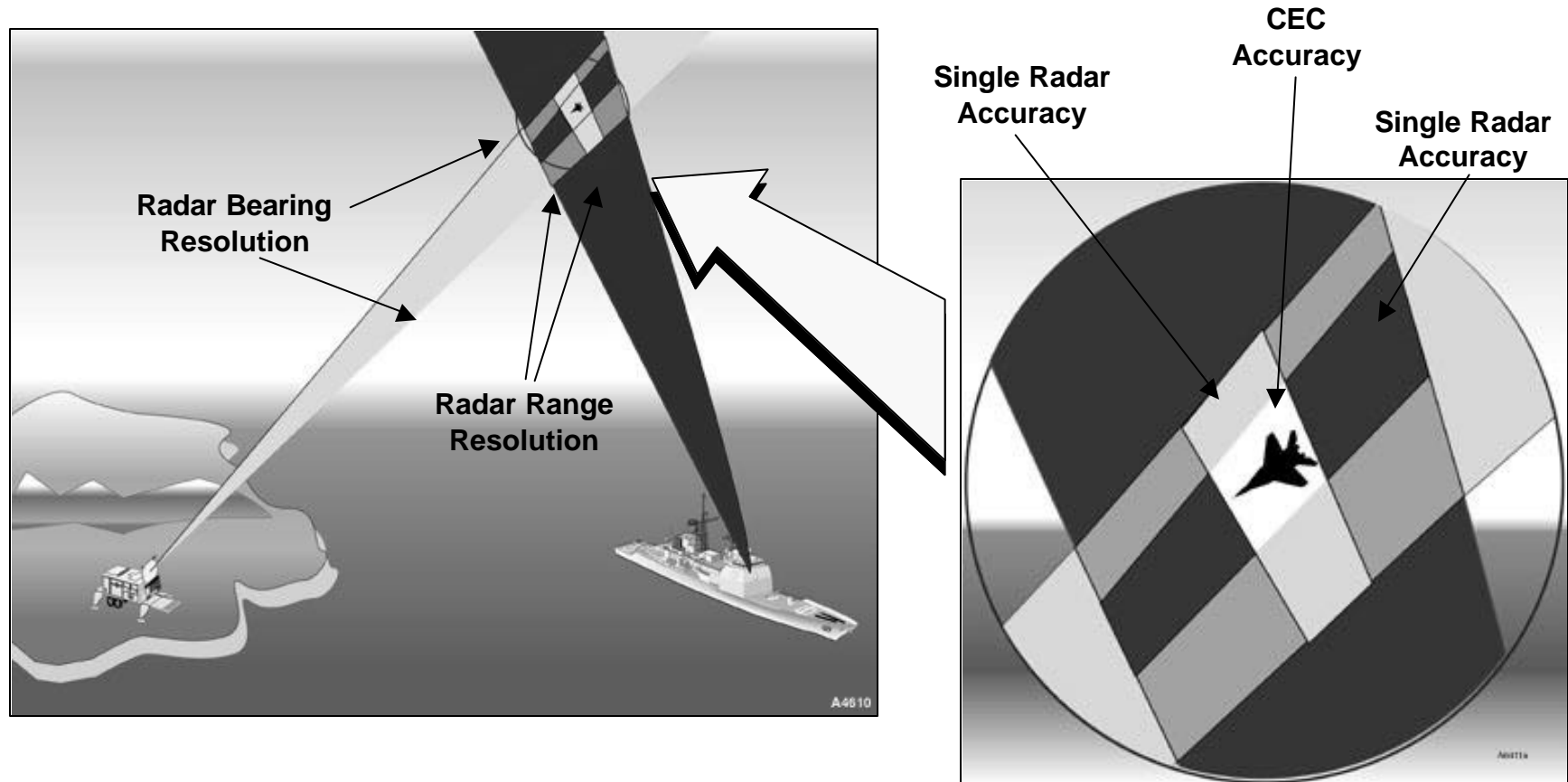


**Global Grid = 7X24 Sustained Global Operations**

# Fires/Fire Support: Joint Team can share Doctrine + Process + Connectivity

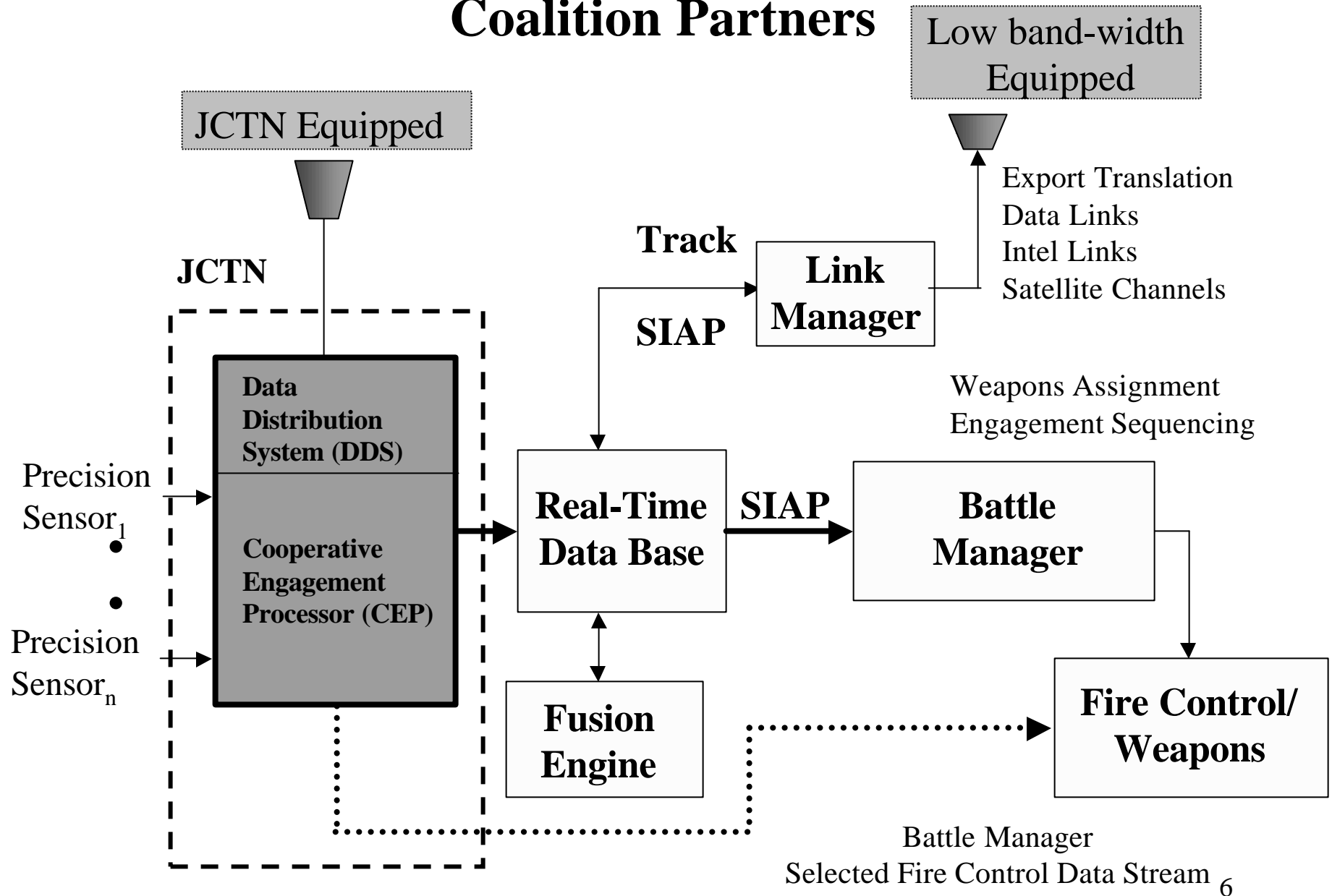


# Air Defense: Precision Radar Measurements Process + CEC Process + Wide-band Connectivity . . . Creates a Composite Track Network

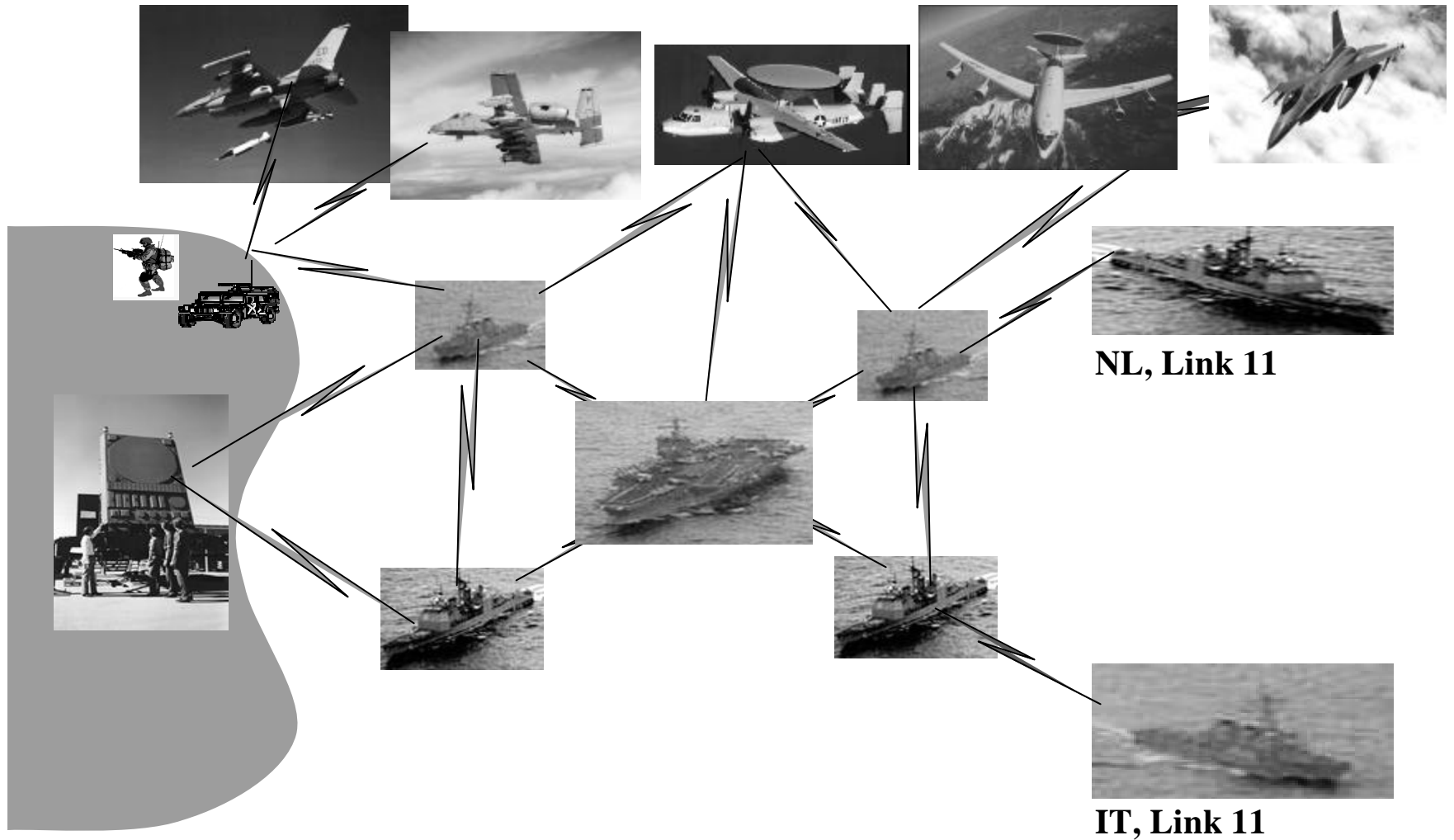


**“CEC... proves the power of NCW”; Net  
Centric Warfare, 1999**

# Extending the Composite Track Network to Joint and Coalition Partners



# Extend JCTN and SIAP to Joint and Coalition Forces



# Naval Forces Enhanced by Three Good Ideas . . . Next Step

- **Plan to exploit Internet Build out**
- **Join the Fires/Fire Support Net**
- **Deploy CEC and extend to Joint and Coalition Partners**
  - **JCTN for precision Sensor/CEC capable assets**
  - **SIAP for low-bandwidth/ non-precision assets**

